

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040512.D
 Acq On : 16 Apr 2019 20:50
 Operator : JU/SJ
 Sample : K2422-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1-D

Quant Time: Apr 17 03:28:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

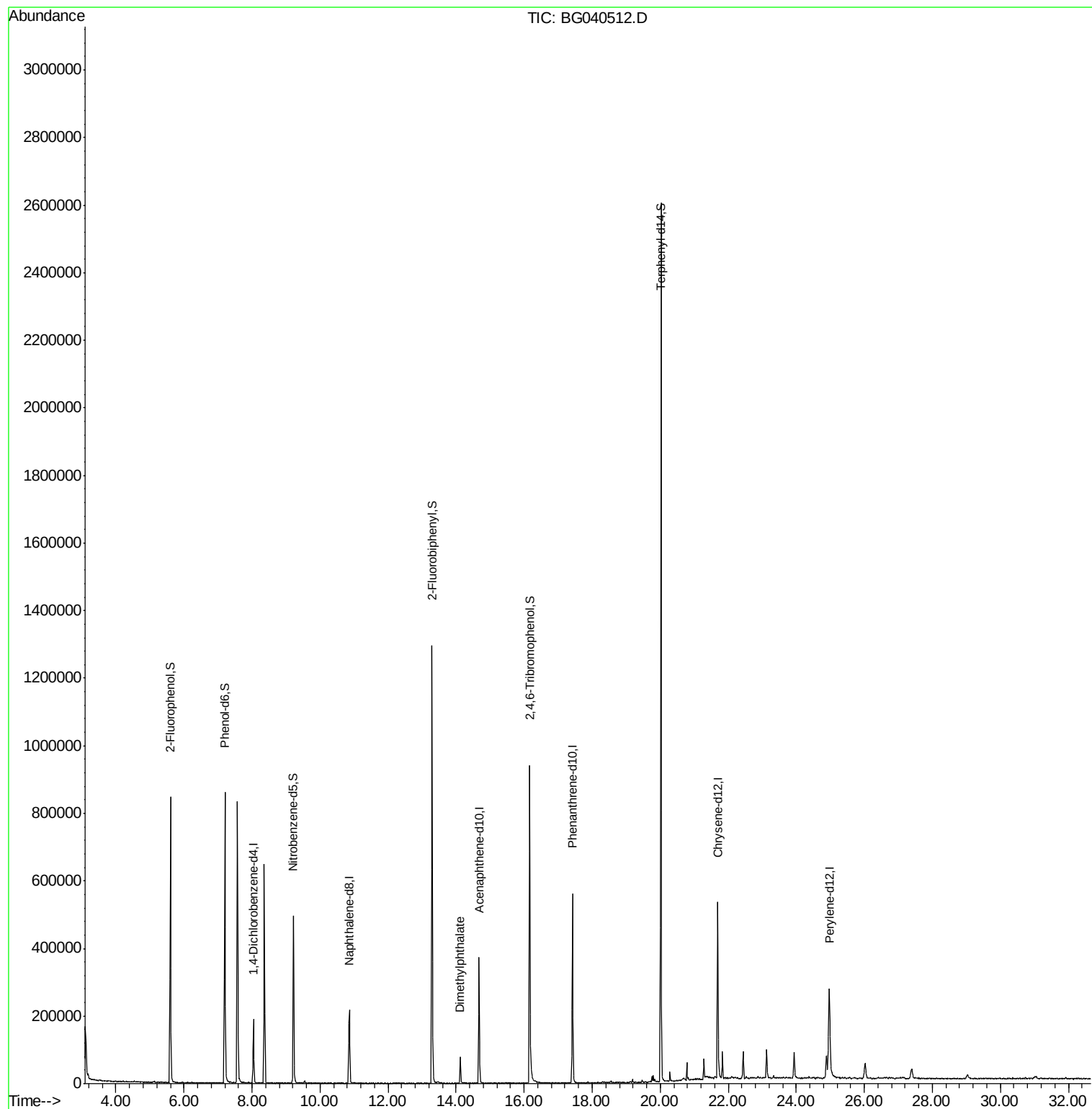
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51072	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	210766	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	137941	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	369525	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	328599	20.00	ng	-0.04
87) Perylene-d12	24.97	264	337682	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	376864	122.67	ng	-0.02
7) Phenol-d6	7.20	99	525917	123.87	ng	-0.02
23) Nitrobenzene-d5	9.22	82	313886	79.16	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	196148	131.57	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	712638	76.55	ng	-0.03
79) Terphenyl-d14	20.02	244	1190778	81.52	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	62026	5.745	ng	Qvalue 99

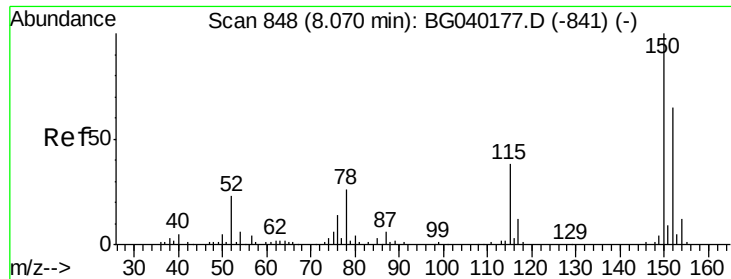
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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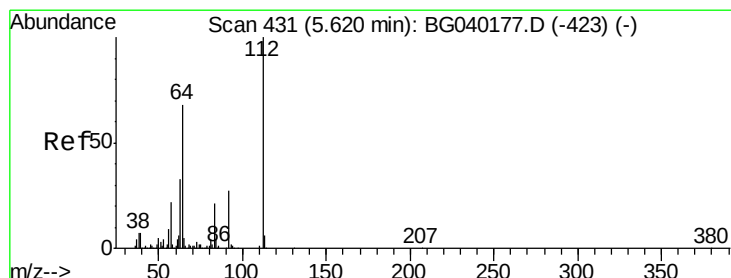
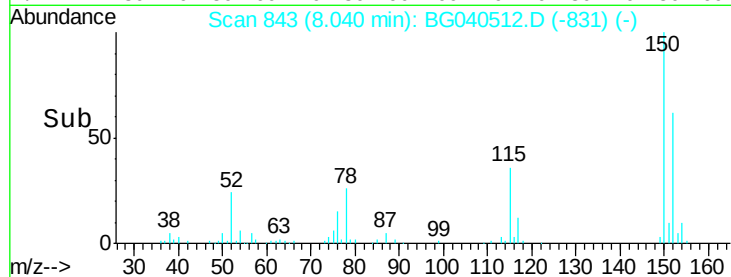
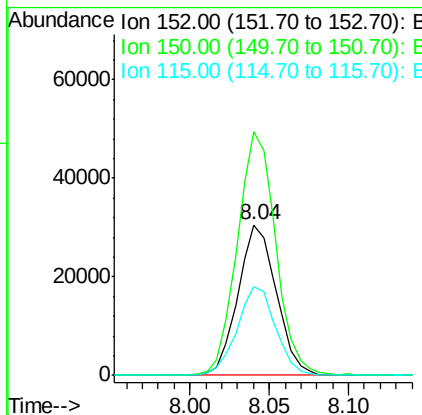
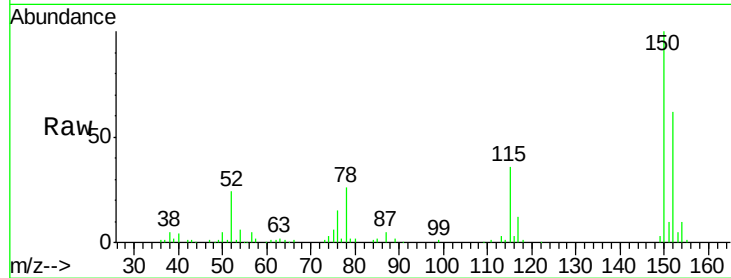


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040512.D
Acq: 16 Apr 2019 20:50

Instrument :
BNA_G
ClientSampleId :
TP1-D

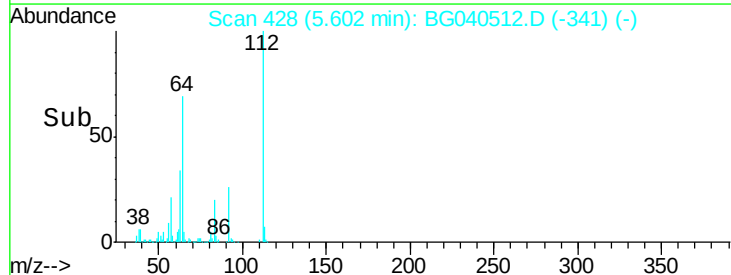
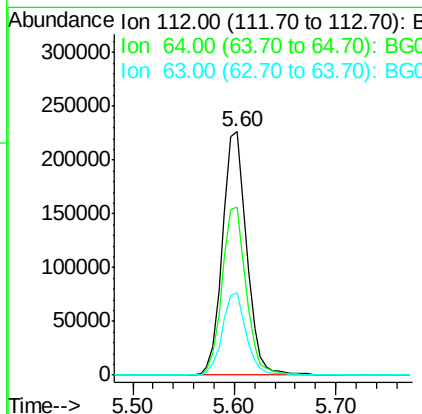
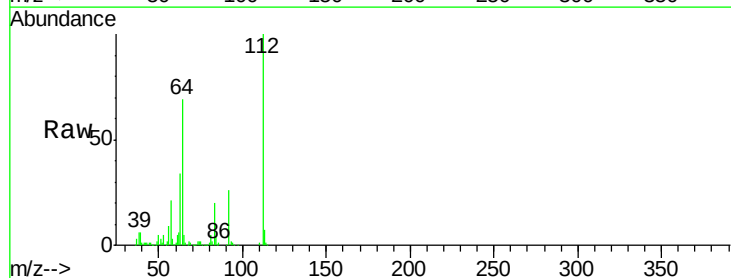
Tgt Ion:152 Resp: 51072
Ion Ratio Lower Upper
152 100
150 162.1 123.7 185.5
115 58.8 46.9 70.3

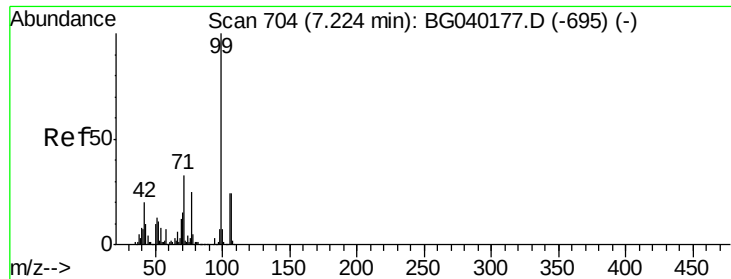


#5

2-Fluorophenol
Concen: 122.671 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040512.D
Acq: 16 Apr 2019 20:50

Tgt Ion:112 Resp: 376864
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.2
63 33.9 26.4 39.6





#7

Phenol-d6

Concen: 123.868 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040512.D

Acq: 16 Apr 2019 20:50

Instrument :

BNA_G

ClientSampleId :

TP1-D

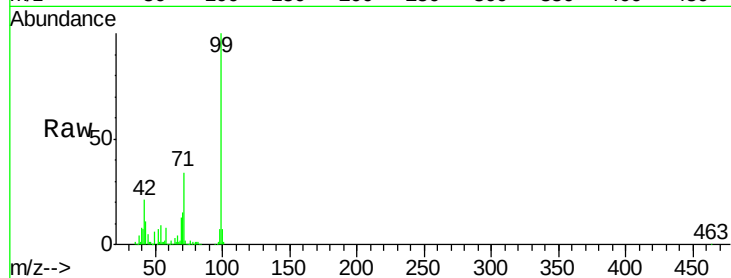
Tgt Ion: 99 Resp: 525917

Ion Ratio Lower Upper

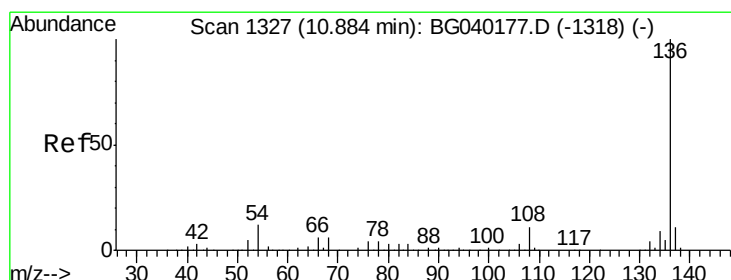
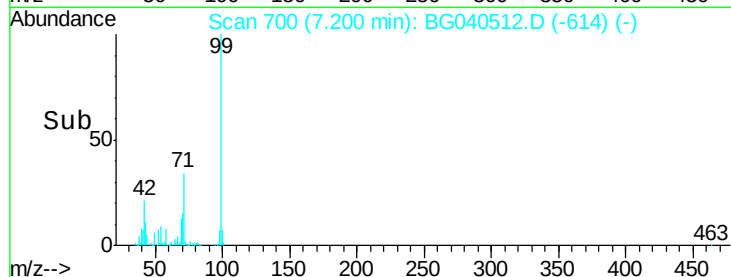
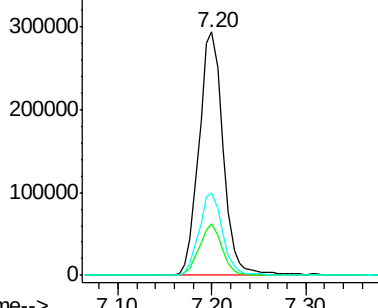
99 100

42 21.0 16.2 24.2

71 33.7 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040512.D

Acq: 16 Apr 2019 20:50

Tgt Ion: 136 Resp: 210766

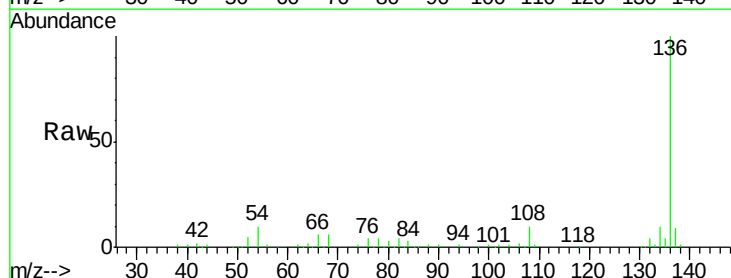
Ion Ratio Lower Upper

136 100

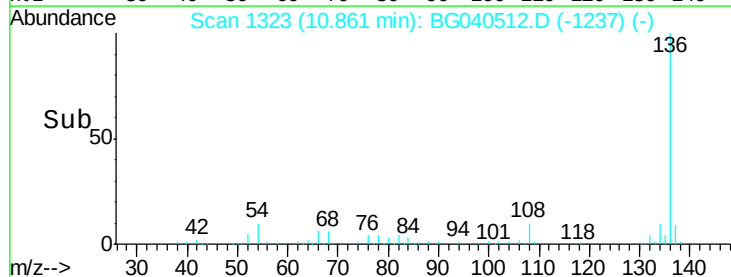
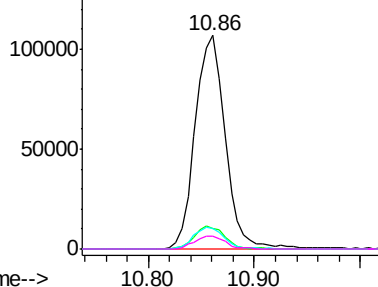
137 9.5 8.9 13.3

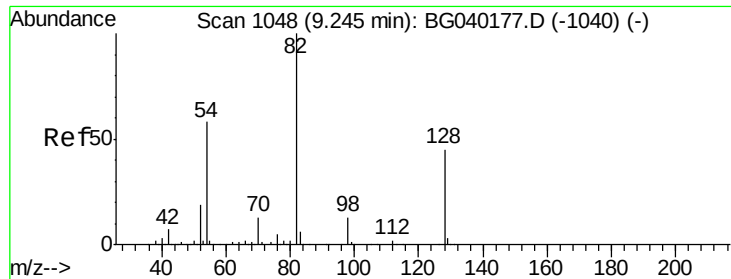
54 9.6 9.6 14.4#

68 5.8 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

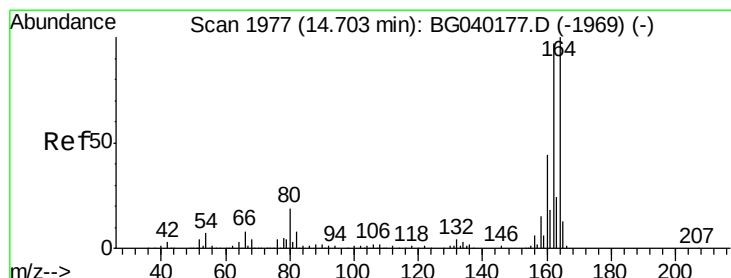
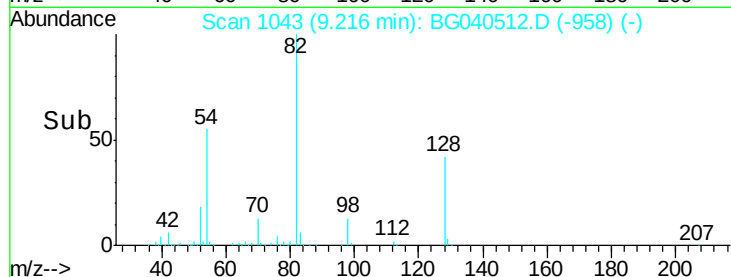
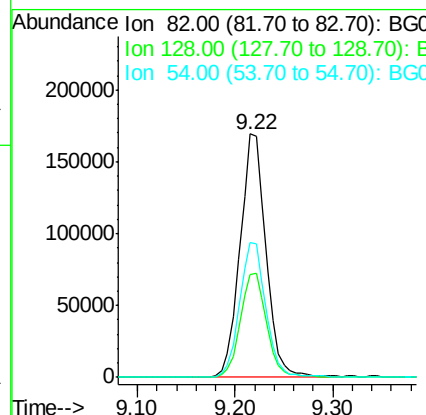
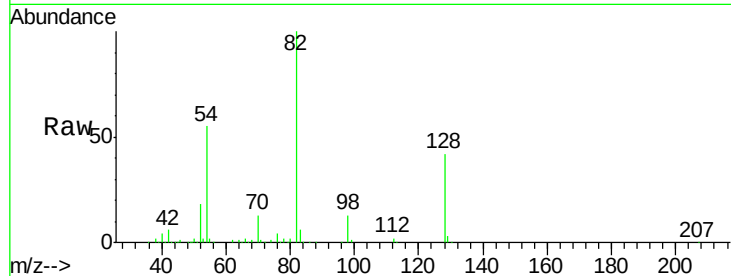




#23
 Nitrobenzene-d5
 Concen: 79.159 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040512.D
 Acq: 16 Apr 2019 20:50

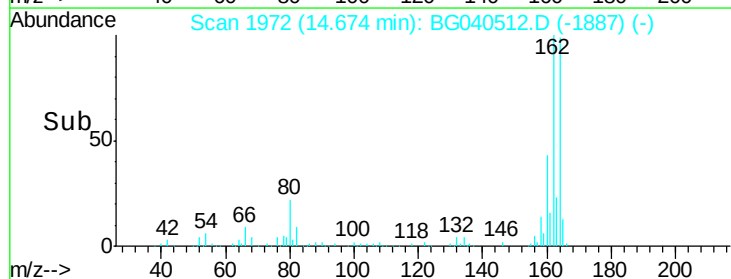
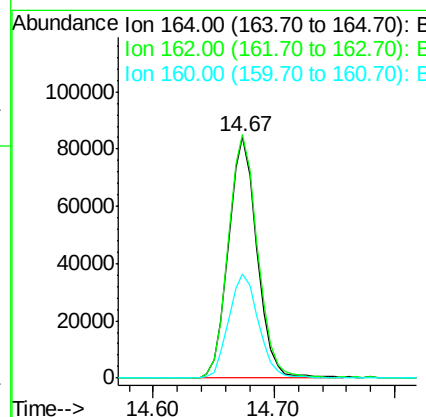
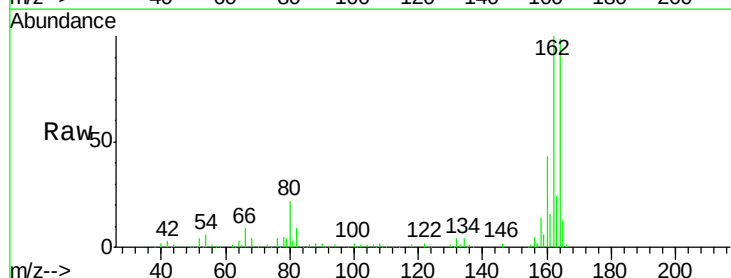
Instrument :
 BNA_G
 ClientSampleID :
 TP1-D

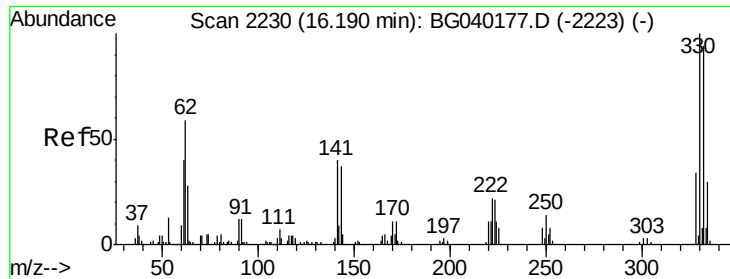
Tgt Ion: 82 Resp: 313886
 Ion Ratio Lower Upper
 82 100
 128 42.0 35.8 53.8
 54 55.3 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040512.D
 Acq: 16 Apr 2019 20:50

Tgt Ion: 164 Resp: 137941
 Ion Ratio Lower Upper
 164 100
 162 100.8 77.4 116.2
 160 42.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 131.574 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040512.D

Acq: 16 Apr 2019 20:50

Instrument :

BNA_G

ClientSampleId :

TP1-D

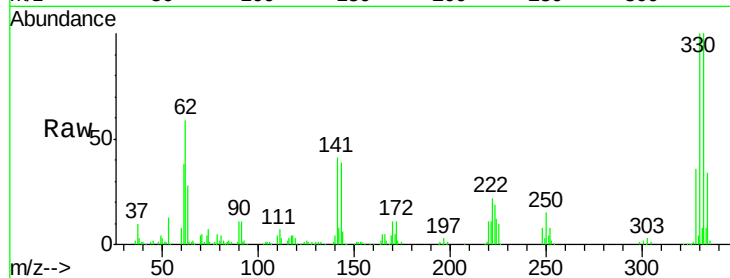
Tgt Ion:330 Resp: 196148

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

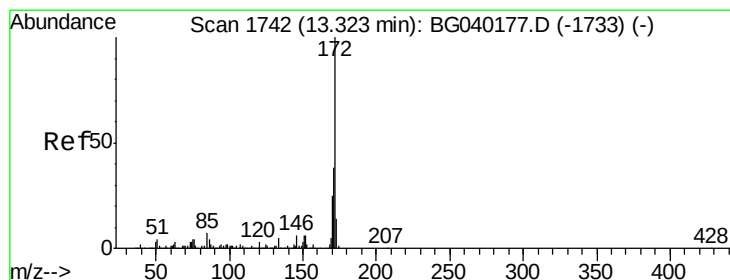
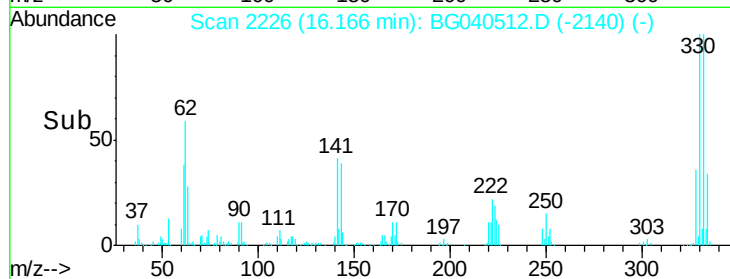
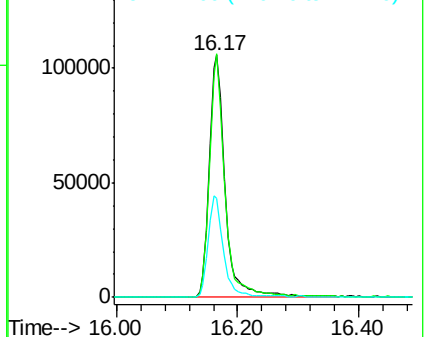
141 39.6 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 76.552 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040512.D

Acq: 16 Apr 2019 20:50

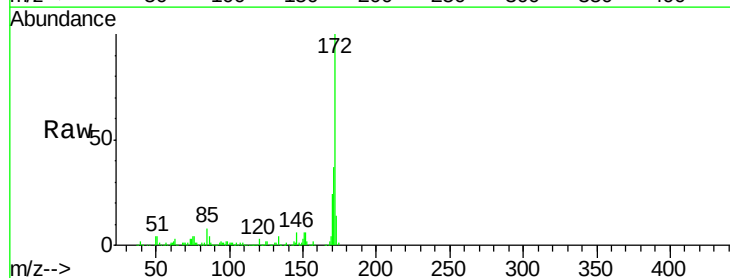
Tgt Ion:172 Resp: 712638

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

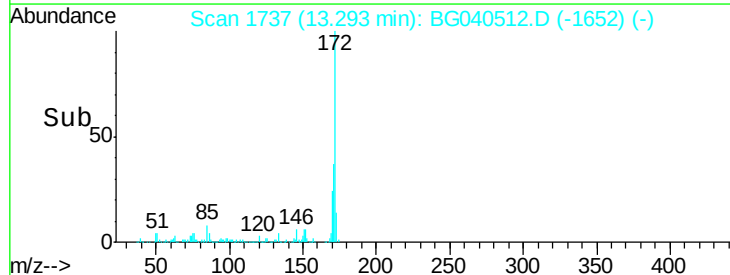
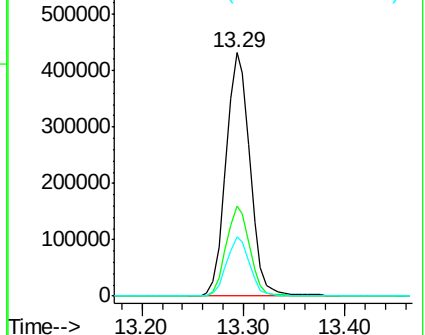
170 24.5 20.1 30.1

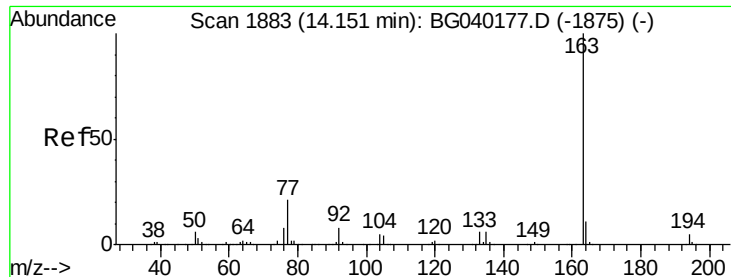


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

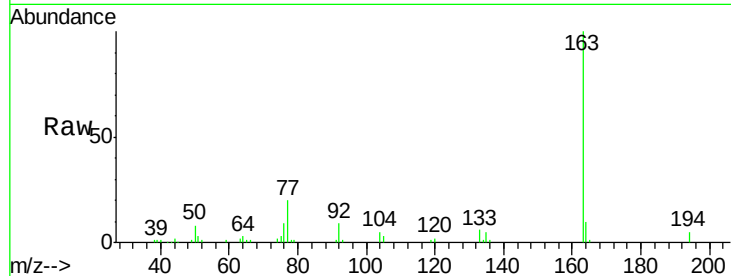




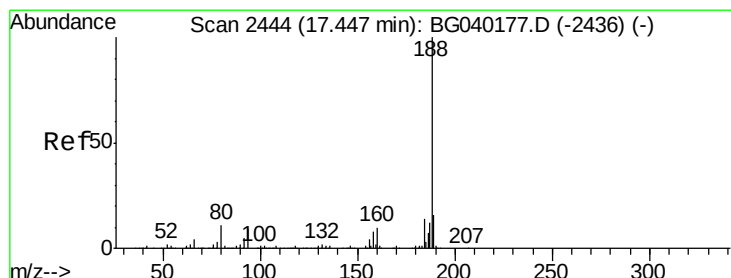
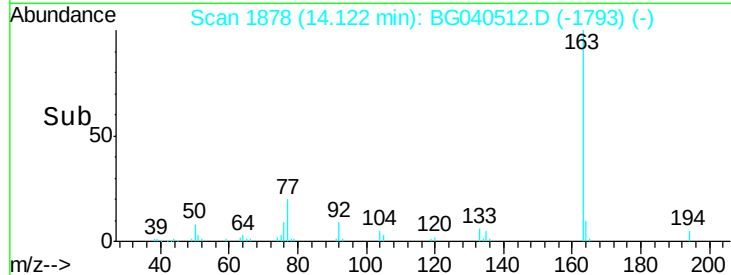
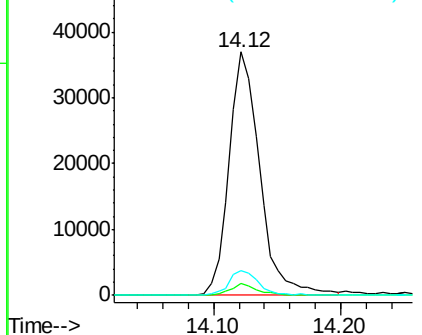
#50
Dimethylphthalate
Concen: 5.745 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040512.D
Acq: 16 Apr 2019 20:50

Instrument :
BNA_G
ClientSampleId :
TP1-D

Tgt Ion:163 Resp: 62026
Ion Ratio Lower Upper
163 100
194 4.9 4.1 6.1
164 10.1 8.6 13.0

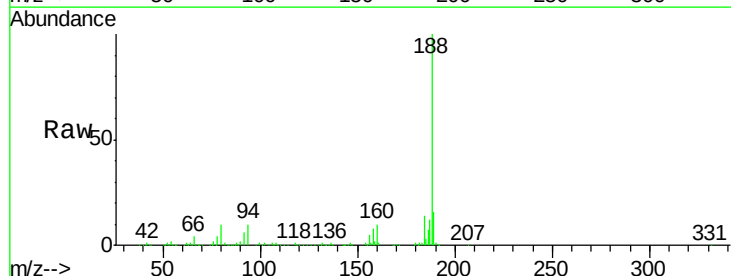


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

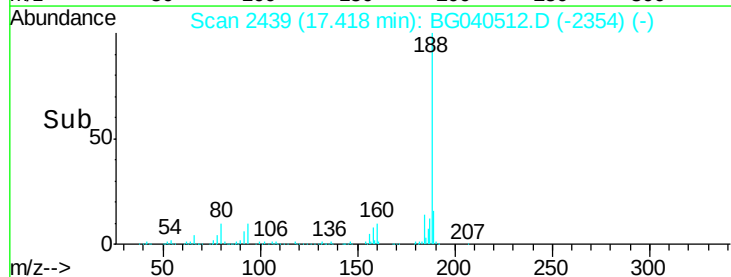
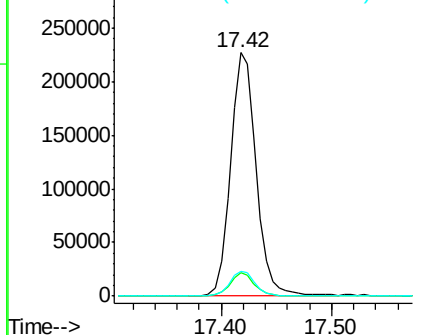


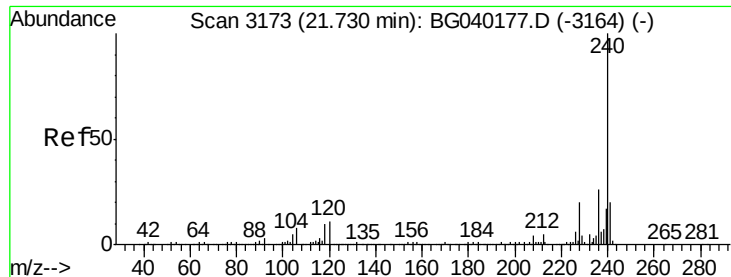
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040512.D
Acq: 16 Apr 2019 20:50

Tgt Ion:188 Resp: 369525
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040512.D

Acq: 16 Apr 2019 20:50

Instrument :

BNA_G

ClientSampleId :

TP1-D

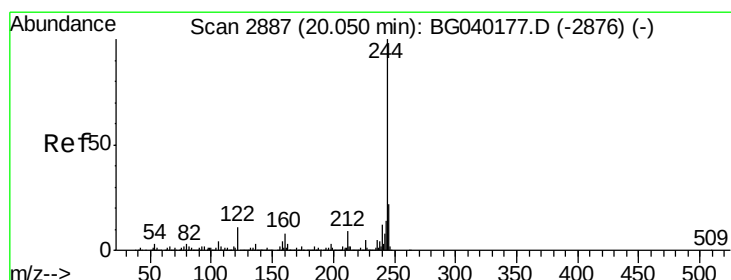
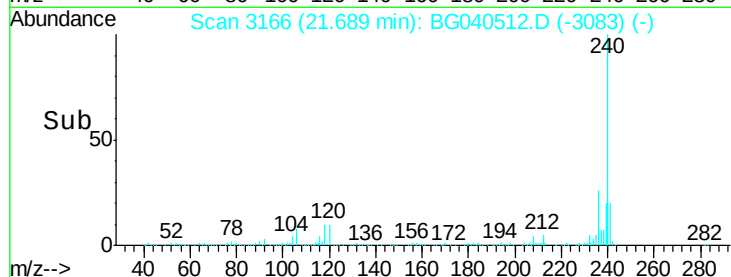
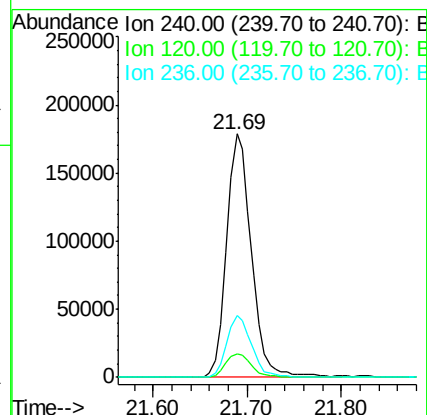
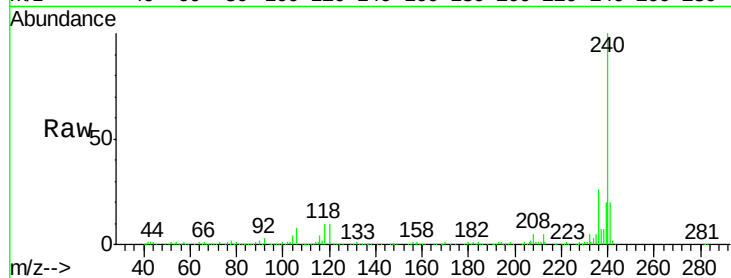
Tgt Ion:240 Resp: 328599

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

236 25.6 20.8 31.2



#79

Terphenyl-d14

Concen: 81.523 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040512.D

Acq: 16 Apr 2019 20:50

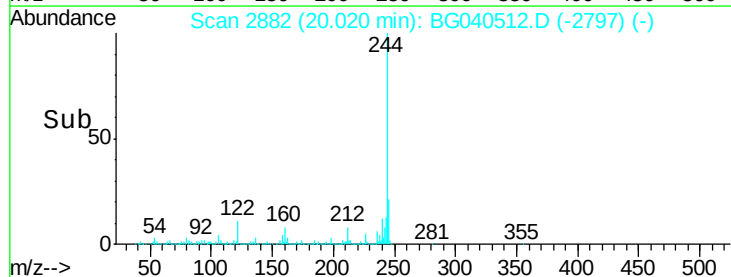
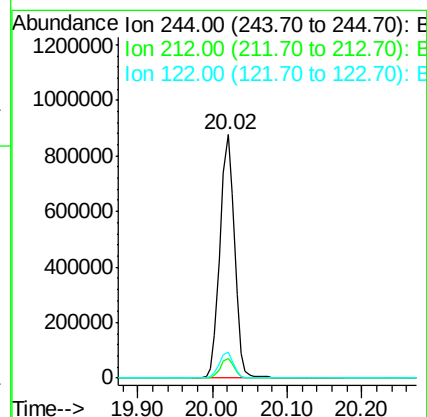
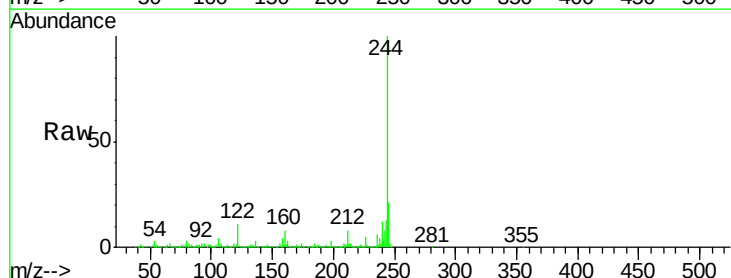
Tgt Ion:244 Resp: 1190778

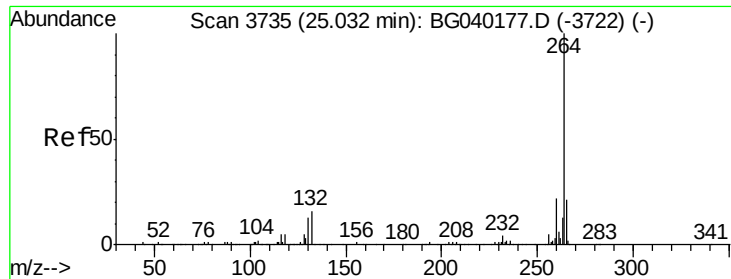
Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

122 10.9 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040512.D
Acq: 16 Apr 2019 20:50

Instrument :
BNA_G
ClientSampleId :
TP1-D

Tgt Ion: 264 Resp: 337682
Ion Ratio Lower Upper
264 100
260 24.5 17.9 26.9
265 21.2 16.8 25.2

